



PATENT

Case Docket No. MICRON.241DV1

Date: November 7, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Farrar et al.  
Appl. No. : 10/662,828  
Filed : September 15, 2003  
For : MULTIPLE CHIP STACK  
STRUCTURE AND COOLING  
SYSTEM  
Examiner : Unknown  
Group Art Unit : 2815

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 10, 2003

(Date)  
Linda H. Liu, Reg. No. 51,240

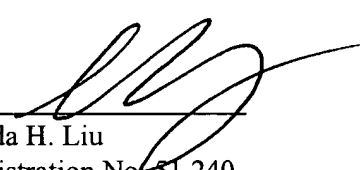
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fifty-four (54) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Linda H. Liu  
Registration No. 51,240  
Attorney of Record  
Customer No. 20,995  
(909) 781-9231

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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For : MULTIPLE CHIP STACK )  
STRUCTURE AND )  
COOLING SYSTEM )  
Examiner : Unknown )

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
PO Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing fifty-four (54) references that were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. patent application No. 09/945,042, filed August 31, 2001, which is the parent of this application, and co-pending U.S. patent application No. 09/945,024, filed August 31, 2001 and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d). However, copies will be provided at the request of the Examiner.

**Appl. No.** : 09/945,024  
**Filed** : August 30, 2001


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This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

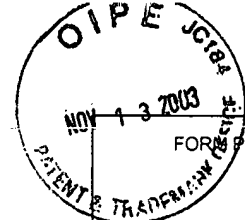
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/7/2003

By:   
Linda H. Liu  
Registration No. 51,240  
Attorney of Record  
Customer No. 20,995  
(909) 781-9231

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MICRON.241DV1APPLICATION NO.  
10/662,828INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Farrar et al.FILING DATE  
September 15, 2003GROUP  
2815

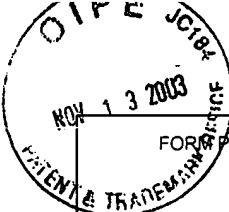
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		2003/0015781	01-2003	Frrar			
		6,506,981	01-2003	Liberkowski			
		6,410,859	06-2002	King			
		6,222,737	04-2001	Ross			
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EXAMINER

DATE CONSIDERED

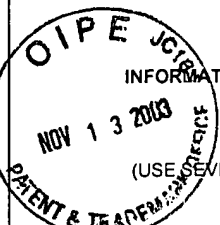
\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	<b>ATTY. DOCKET NO.</b> MICRON.241DV1	<b>APPLICATION NO.</b> 10/662,828
	<b>APPLICANT</b> Farrar et al.	
	<b>FILING DATE</b> September 15, 2003	<b>GROUP</b> 2815

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0 315 792 A2	10-1988	EP				

EXAMINER	DATE CONSIDERED
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 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>		APPLICANT Farrar et al.	
		FILING DATE September 15, 2003	GROUP 2815

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	"The New Low-k Candidate: It's A Gas"; Semiconductor International; March 1999, Pg. 38
	E. Jan Vardaman; "Future Packaging Trends: CSP vs. Flip Chip"; Proceedings of the 11th European Microelectronics Conference; 1997; Pg. 295-99
	A.J. Blodgett and D.R. Barbour; "Thermal Conduction Module: A High-Performance MULTILAYER Ceramic Package"; IBM Journal of Research and Development, Vol. 26 No. 1; January 1982; Pg. 30-36

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9/12/03

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	